

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) An integrated circuit comprising a network, a first electronic module and a plurality of second electronic modules, ~~said electronic modules~~ being arranged to communicate to each other via the network, ~~wherein~~ the network is arranged to establish transactions between a first electronic module and at least two second electronic modules, ~~wherein the network~~ the circuit comprises:

means for replicating a single request from the first electronic module into at least two replicated requests, and for sending each of the at least two replicated requests to the respective second electronic modules, ~~wherein~~ said means for replicating comprises an address space and a facility for mapping at least one multicast address onto at least two further addresses in a range of addresses of the second electronic modules, ~~wherein~~ the range of addresses comprises a first subset range of addresses and a second subset range of addresses, ~~wherein~~ the number of

addresses in each of the first and second subset ranges of addresses is greater than a single address,

wherein a first one of the second electronic modules is associated with the first subset range of addresses such that any request sent to any of the first subset range of address is sent to the first one of the second electronic modules and a second one of the second electronic modules is associated with the second subset range of addresses such that any request sent to any of the second subset range of address is sent to the second one of the second electronic modules.

2. (Canceled)

3. (Previously presented) The integrated circuit as claimed in claim 1, wherein the means for replicating further comprises a facility for mapping at least one first multicast address onto at least one second multicast address, provided that the second multicast address is not mapped onto the first multicast address.

4. (Previously presented) The integrated circuit as claimed in claim 1, wherein the means for replicating further comprises a

facility for mapping a range of multicast addresses onto at least the first and second subset ranges of addresses.

5. (Previously presented) The integrated circuit as claimed in claim 1, wherein the single request comprises a connection identifier for identifying a multicast connection, wherein the multicast connection includes at least one of guaranteed throughput, latency and jitter, ordered delivery, and flow control.

6. (Previously presented) The integrated circuit as claimed in claim 1, wherein means for replicating comprises a network interface circuit for performing the replication of the single request into the replicated requests, and wherein the network interface circuit sends the replicated requests to the second electronic modules.

7. (Currently amended) A method for sending requests in an integrated circuit comprising a network, a first electronic module and a plurality of second electronic modules, which communicate ~~to~~ with each other via the network, wherein the network ~~method further~~ establishes transactions between a the first electronic module and

at least two second electronic modules, ~~characterized in that the~~
method ~~comprises~~ comprising acts of:

~~the network~~ replicating a single request from the first
electronic module into at least two replicated requests, and ~~the~~
~~network~~ sending each of the replicated requests to the respective
second electronic modules; ~~wherein said replicating comprises an~~
~~address space~~ and

mapping at least one multicast address onto at least two
further addresses in a range of addresses, wherein the range of
addresses comprises a first subset range of addresses and a second
subset range of addresses of the second electronic modules, ~~wherein~~
the number of addresses in each of the first and second subset
ranges of addresses is greater than a single address,

wherein a first one of the second electronic modules is
associated with the first subset range of addresses such that any
request sent to any of the first subset range of address is sent to
the first one of the second electronic modules and a second one of
the second electronic modules is associated with the second subset
range of addresses such that any request sent to any of the second
subset range of address is sent to the second one of the second
electronic modules.

8. (Previously presented) The integrated circuit as claimed in claim 1, wherein the means for replicating further comprises a facility for mapping at least one first multicast address onto two or more addresses associated with a single one of the second electronic modules.

9. (Currently amended) The integrated circuit as claimed in claim 1, wherein the facility for mapping the at least one multicast address onto at least two further addresses in the range of addresses is arranged for further mapping the at least one multicast address onto at least one ~~further address in the range of~~ addresses that in turn is mapped to ~~least two third~~ the plurality of second electronic modules.